



TYPE EXAMINATION CERTIFICATE

Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

Certificate Number: **Sira 15ATEX4374** Issue: **3**

Equipment: **Barracuda 19" WS Gen 2**

Applicant: **Eaton Electric Ltd**

Address: Great Marlings,
Butterfield,
Luton,
Bedfordshire LU2 8DL
UK

This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V. certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design of Category 3 equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN 60079-0:2012/A11:2013

EN 60079-15:2010

If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

This Type Examination Certificate relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

The marking of the equipment shall include the following:



II 3G

Ex nA IIC T3 Gc

Ta = -40°C to +60°C

Project Number 1335

Signed:

Title: Director of Operations

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CSA Group Netherlands B.V.
Utrechtseweg 310,
6812 AR, Arnhem,
Netherlands



SCHEDULE

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13 DESCRIPTION OF EQUIPMENT

The Barracuda 19" WS Gen 2 workstation is a stand-alone Human Machine Interface (HMI) designed for use in industrial conditions. It can be utilized in rig floor applications such as MWD / LWD, mudlogging, or well stimulation in oil and gas operations where a display or workstation must be able to withstand shock and vibration. The Barracuda 19" Gen 2 is a computer with a built-in touch screen display housed in an aluminium environmental enclosure rated to IP66. The front panel includes additional controls for power, brightness, and touch screen operation. Power and I/O communications are provided through military-style connectors. There is an option to run the unit on either AC or DC power. There is also an option for an extended operational range with the inclusion of on-board heaters.

Variation 1 - This variation introduced the following change:

- i. The original external USB, a KENSINGTON BLUETOOTH 2.1 USB MICRO ADAPTER Model K33902US, is being replaced with a KENSINGTON BLUETOOTH 4.0 USB MICRO ADAPTER Model K33956AM made by the same manufacturer.

Variation 2 - This variation introduced the following change:

- i. Permit a change in the legal entity, and a modified manufacturing name and address from Azonix Corporation, Building #4, North Billerica. MA 01862, USA to Eaton Electric Ltd, Great Marlings, Butterfield, Luton, Bedfordshire, LU2 8DL, UK.

14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Sira Reports and Certificate History

Issue	Date	Report no.	Comment
0	27 January 2016	R70025151A	The release of the prime certificate.
1	13 May 2016	R70070069A	This Issue covers the following changes: <ul style="list-style-type: none">Type Examination Certificate in accordance with 94/9/EC updated to Type Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, Type Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such Type Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>The introduction of Variation 1
2	14 January 2019	R70196195A	The introduction of Variation 2.
3	31st October 2019	1335	<ul style="list-style-type: none">Transfer of certificate Sira 15ATEX4374 from Sira Certification Service to CSA Group Netherlands B.V..

15 SPECIFIC CONDITIONS OF USE

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None

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed reports listed in Section 14.2.

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Certificate Annexe



Certificate Number: Sira 15ATEX4374
Equipment: Barracuda 19" WS Gen 2
Applicant: Eaton Electric Ltd

Issue 0

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
16-100682	1 of 1	A	11 Jan 16	Label, Cert, Barr 19Gen2, DC w/ Heater
16-100683	1 of 1	A	11 Jan 16	Label, Cert, Barr 19Gen2, DC w/o Heater
16-100684	1 of 1	A	11 Jan 16	Label, Cert, Barr 19Gen2, AC w/ Heater
16-100685	1 of 1	A	11 Jan 16	Label, Cert, Barr 19Gen2, AC w/o Heater
16-100687	1 of 1	A	11 Jan 16	Label, External, Protective Cap to be Fitted
17-200398	1 to 14	C	11 Jan 16	General Arrangement, 19" BARRACUDA GEN 2
17-200407	1 to 2	A	11 Jan 16	General Arrangement, USB Bluetooth Adapter
20-203157	1 of 1	A	11 Jan 16	Cable, Serial, Barr G2
20-203159	1 of 1	C	11 Jan 16	Cable, CANBUS, Barr G2

Issue 1

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
17-200407	1 to 2	B	18 Apr 16	General Arrangement, Adapter, USB Bluetooth, Barracuda

Issue 2

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
16-100682	1 of 1	B	04 Jan 19	Label, Cert, Barr 19Gen2, DC w/ Heater
16-100683	1 of 1	B	04 Jan 19	Label, Cert, Barr 19Gen2, DC w/o Heater
16-100684	1 of 1	B	04 Jan 19	Label, Cert, Barr 19Gen2, AC w/ Heater
16-100685	1 of 1	B	04 Jan 19	Label, Cert, Barr 19Gen2, AC w/o Heater

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